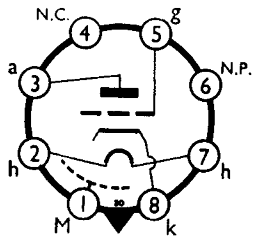
TRIODE

6·3V INDIRECTLY HEATED

L63

APRIL, 1952

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside of base.

Base : International Octal.
Bulb : Tubular.

Overall length :	88—98	mm.
Seated length :	74—84	mm.
Max. diameter :	34	mm.

RATING

V_h		6·3	V
I_h		0·3	A
V_a		250 max.	V
p_a		2·5 max.	W
μ	At $V_a = 250$, $V_g = -8$	20	
r_a	At $V_a = 250$, $V_g = -8$	7·7	kΩ
g_m	At $V_a = 250$, $V_g = -8$	2·6	mA/V

CAPACITANCES (of screened valve)

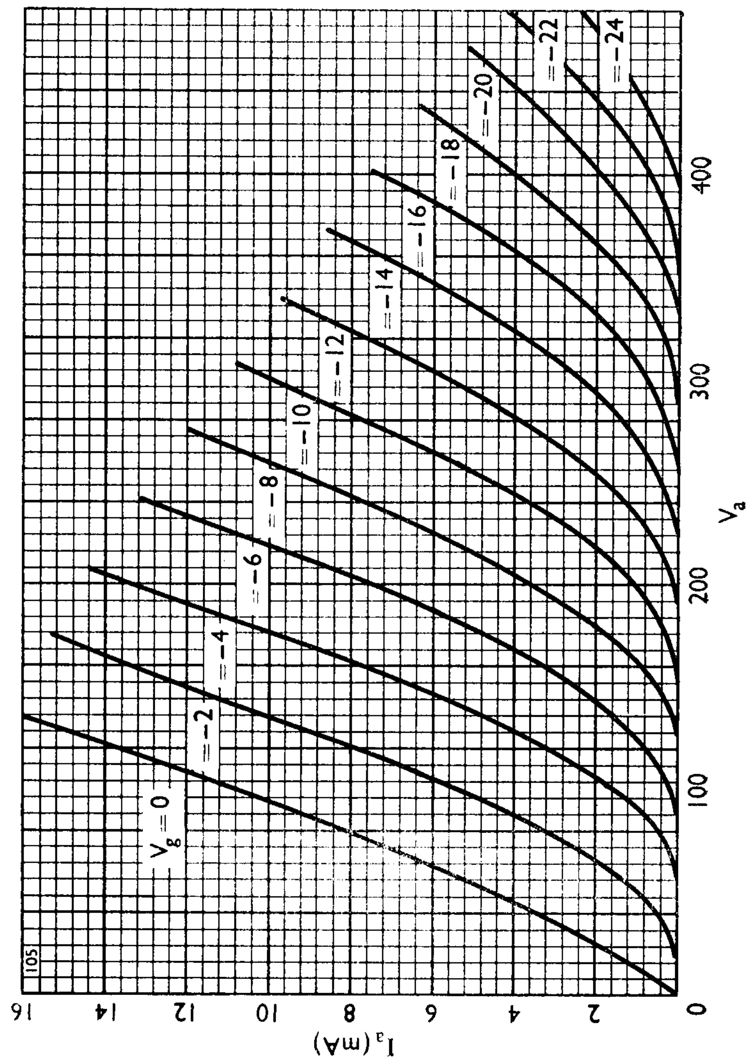
c_{g-k}	3·7	pF	c_{a-k}	2·9	pF	c_{g-a}	4·2	pF

TYPICAL OPERATION

V_a (b)	250	250	V
R_L	50	50	kΩ
V_g	−1·9	−1·9	V
I_a	3·2	3·2	mA
R_k	600	600	Ω
v_{out} (pk)	35	55	V
D_{tot}	2	5	%
V_{gain}	16	16	

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